

Dailey Report Cruise 5

October 9, 2010

This is the fifth cruise of the MC252 Deep water sediment sampling program, R/V Gyre. Six stations were sampled (D017S, D014S, D019S, FF-0003, ALT-FF-002, FF-001) one cast per station. Weather was favorable, 1-2 foot swells and a light breeze.

Station 1

1. Station ID: D017S
2. Average Lat: 28.473367
Average Lon: -88.478322
3. Depth: 1711.75
4. Time Corer Deployed: 0:34
Time Corer Recovered: 1:10
Time Corer on Deck: 1:53
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.
8. LBNL samples:

Core number: GT0054

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-D017S-BC-209	Intact Core	NA	-80C
SU-20101009-GY-D017S-BC-210	AODC	20ml	4C
SU-20101009-GY-D017S-BC-211	DNA Filter	600ml	-80C
SU-20101009-GY-D017S-BC-212	DNA Filter	600ml	-80C

Station 2

1. Station ID: D014S
2. Average Lat: 28.565414
Average Lon: -88.448072

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3. Depth: 1759.94
4. Time Corer Deployed: 4:33
Time Corer Recovered: 5:11
Time Corer on Deck: 5:52
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.
8. LBNL samples:

Core number: GT0062

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-D014S-BC-213	Intact Core	NA	-80C
SU-20101009-GY-D014S-BC-214	AODC	20ml	4C
SU-20101009-GY-D014S-BC-215	DNA Filter	600ml	-80C
SU-20101009-GY-D014S-BC-216	DNA Filter	600ml	-80C

Station 3

1. Station ID: D019S
2. Average Lat: 28.672706
Average Lon: -88.368517
3. Depth: 1656.18
4. Time Corer Deployed: 8:28
Time Corer Recovered: 9:04
Time Corer on Deck: 9:44
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.

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8. LBNL samples:

Core number: GT0063

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-D019S-BC-217	Intact Core	NA	-80C
SU-20101009-GY-D019S-BC-218	AODC	20ml	4C
SU-20101009-GY-D019S-BC-219	DNA Filter	500ml	-80C
SU-20101009-GY-D019S-BC-220	DNA Filter	460ml	-80C

Station 4

1. Station ID: FF-003
2. Average Lat: 28.873950
Average Lon: -88.756894
3. Depth: 492.93
4. Time Corer Deployed: 14:35
Time Corer Recovered: 14:46
Time Corer on Deck: 15:02
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.
8. LBNL samples:

Core number: GT0077

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-FF003-BC-221	Intact Core	NA	-80C
SU-20101009-GY-FF003-BC-222	AODC	20ml	4C
SU-20101009-GY-FF003-BC-223	DNA Filter	520ml	-80C

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SU-20101009-GY-FF003-BC-224	DNA Filter	500ml	-80C

Station 5

1. Station ID: ALT-FF-002
2. Average Lat: 28.939914
Average Lon: -88.893092
3. Depth: 230.05
4. Time Corer Deployed: 17:35
Time Corer Recovered: 17:42
Time Corer on Deck: 17:52
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.
8. LBNL samples:

Core number: GT0073

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-ALTFF002-BC-225	Intact Core	NA	-80C
SU-20101009-GY-ALTFF002-BC-226	AODC	20ml	4C
SU-20101009-GY-ALTFF002-BC-227	DNA Filter	400ml	-80C
SU-20101009-GY-ALTFF002-BC-228	DNA Filter	380ml	-80C

Station 6

1. Station ID: FF-001
2. Average Lat: 28.968861

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Average Lon: -89.029936

3. Depth: 79.04

4. Time Corer Deployed: 20:21

Time Corer Recovered: 20:29

Time Corer on Deck: 20:34

5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type –
Unique Identifier

6. LBNL Sampling Team: Julian Fortney

7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.

8. LBNL samples:

Core number: GT0007

Sample ID	Sample Type	Volume	Storage
SE-20101009-GY-FF001-BC-229	Intact Core	NA	-80C
SU-20101009-GY-FF001-BC-230	AODC	20ml	4C
SU-20101009-GY-FF001-BC-231	DNA Filter	460ml	-80C
SU-20101009-GY-FF001-BC-232	DNA Filter	400ml	-80C